BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work:-Improvements to drains kuvempu layout kempapura in ward no.07 byatarayanapura.

Estimated Cost:- 15.00 Lakhs

Name of Work:- Improvements to drains kuvempu layout kempapura in ward no.07 byatarayanapura. Estimated Cost:- 15.00 Lakhs

S.N	DESCRIPTION OF WORK	Unit	N	L	B	D	QTY	RATE	AMOUNT
1	2	3	4.00	5	6	7	8	9	10.00
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.143.Item No.19.1)								
	Basic Rate:	cum	130.00						
	Area Weightage @ 6%		7.80						
	Total		137.80						
	4th cross		2.00	85.00	0.75	0.75	95.63		
	3rd cross		2.00	81.00	0.75	0.75	91.13		
	over burden earth		1.00	40.00	1.00	0.90	36.00		
					TOTAL		**222.75**	137.8	**30,695.00**
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration inlcuding curing for 14 days including cost of all materials labour, HOM curing, form works, scaffolding and centering complete as per specification . (Pg.No.222, It.27.18)								
	Basic Rate:	cum	5,115.00						
	4.4*(349.0-245.31)		456.24						
	Sub total		5,571.24						
	Area Weightage @ 6%		334.27						
	Total		**5,905.51**						
	RCC DRAIN- BOTTOM		2.00	85.0	0.75	0.12	15.30		
			2.00	81.00	0.75	0.12	14.58		
					TOTAL		**29.88**	5905.51	**176,457.00**

3	Providing and laying in plain reinforced cement concrete mix 1:2:4 with OPC @ 240 kgs, with 40 mm and down size graded granite matel coarse aggregates @ 0.84 cum and fine aggragtes @ 0.56cum, in pen foundations including including cost of all materials, labour HOM machinery form works scaffolding and centering complete as per sprcifications complete as per drawing anf techinal specifications. Pg No.222, It No.27.24)								
	Basic Rate:	cum	5,103.00						
	4.8*(349.0-245.31)		497.71						
	Sub total		5,600.71						
	Area Weightage @ 6%		336.04						
	Total		5,936.75						
	Bottom								
	4th cross		2.00	85	0.60	0.1	10.20		
	3rd cross		2.00	81	0.60	0.1	9.72		
	Side Wall								
	4th cross	1*2	4.00	85	0.12	0.45	18.36		
	3rd cross	1*2	2.00	81	0.12	0.45	8.75		
							47.03	5936.75	279,194.00
4	Providing **TMT Steel Reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.28.8.2, Item No.229)								
	Basic Rate:	Tonne	85,468.00						
	Area Weightage @ 6%		5,128.08						
	Total		90,596.08						
	Reinforcement for side wall						47.03		
	At 50 Kg % per cum						2.35	90596.08	213,028.00
5	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / **rectangular slabs /side walls** polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)								
	SIDE WALL								
	Basic Rate:	Sqm	456.00						
	Area Weightage @ 6%		27.36						
	Total		483.36						
	4th cross		8.00	85		0.60	408.00		
	3rd cross		8.00	81		0.60	388.80		
							796.80	483.36	385,142.00

6	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)								
	Basic Rate:	sqm	2,337.00						
	Total		2,337.00						
	4th cross		141.67	0.6	0.6		51.00		
	3rd cross		135.00	0.6	0.6		48.60		
					TOTAL		99.60	2337.00	232,766.00
7	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 136, item No. 17.1)								
	Basic Rate	cum	57.00				222.75	94.34	21,015.00
	Rs. 2.50 Tonne Km.								
	Average Weight of earth 1.28 Tonne/Km.								
	For 10 Km								
	Rs.2.50X1.28TonneX10Km		32.00						
	Total		89.00						
	Add Area Weightage6%		5.34						
			94.34						
8						Sub Total			1,338,297.00
9						Add 12% GST charges			160,595.64
10						Miscelleneous charges			1,107.36
11						Total			1,500,000.00

1)This is certified that the work spot comes under BBMP limits only.

2) The work spot is inspected by me

3) The items Provided in the Estimate are quite Essential

4)The rates are as per CSR of 2018-19 year of PWD Bangalore Circle.

Asst.Engineer	Asst.Exe.Engineer	Executive Engineer
Ward no.7	Kodigehalli Sub-division	Byatrayanapura Division
	B.B.M.P.	B.B.M.P.

15/11

15/11

Administrative Approval

Accorded For ..... 15.00 Lakhs only

Head of A/C..... PDW

CER NO : ..... 97 ..... Dt: 13/12/21

TA

CE (YNR)

TECHNICAL SANCTION

Accorded For Rs..... 15.00 Lakhs only

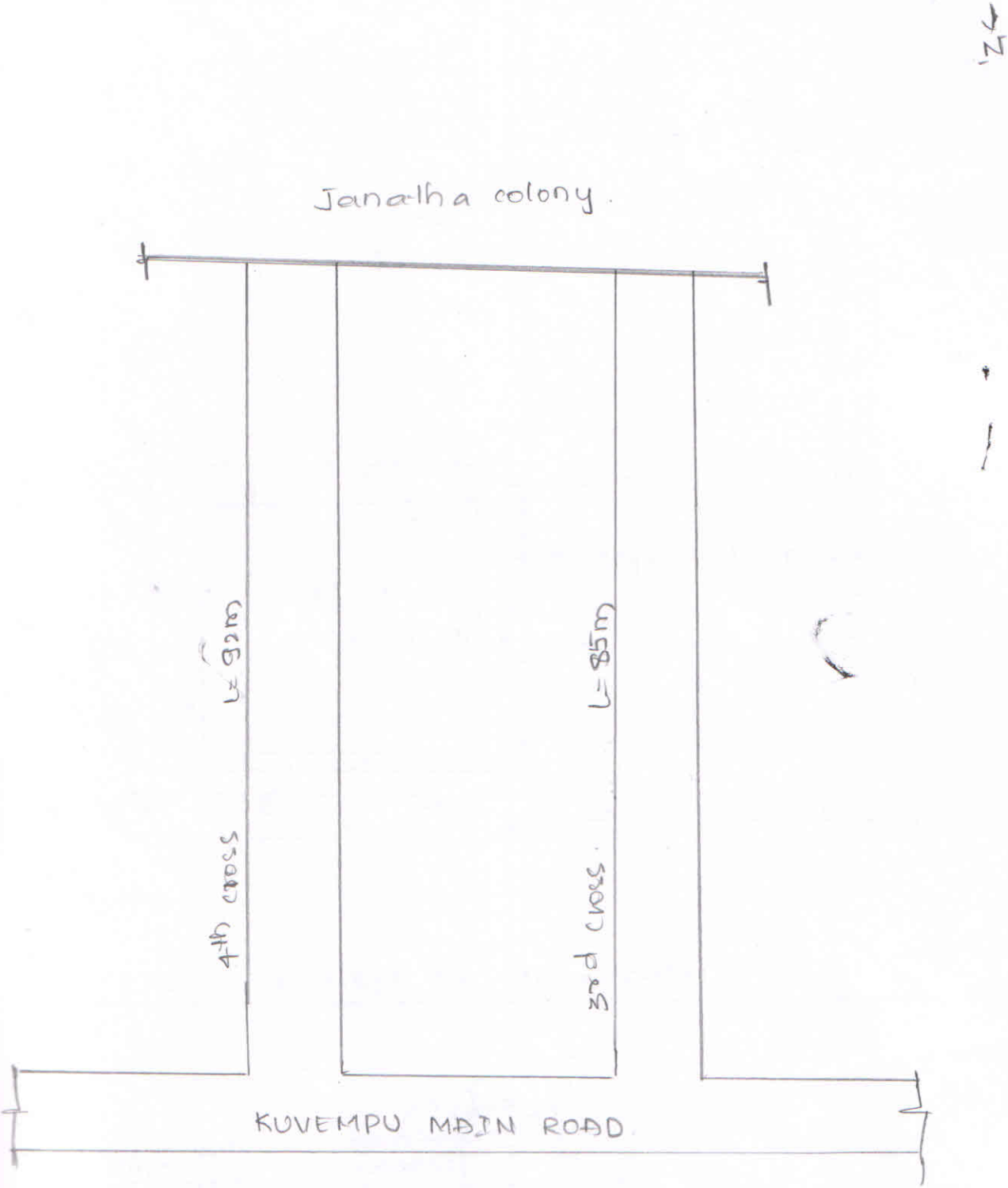
Head of A/c..... PDW

Div. Ref. No..... 40 ..... Date 15/02/22

AE 16/02

EE(BTP) 16/02

Name of Work:- Improvements to drains kuvempu layout Kempapura in Ward no. 07, byatarayanapura.

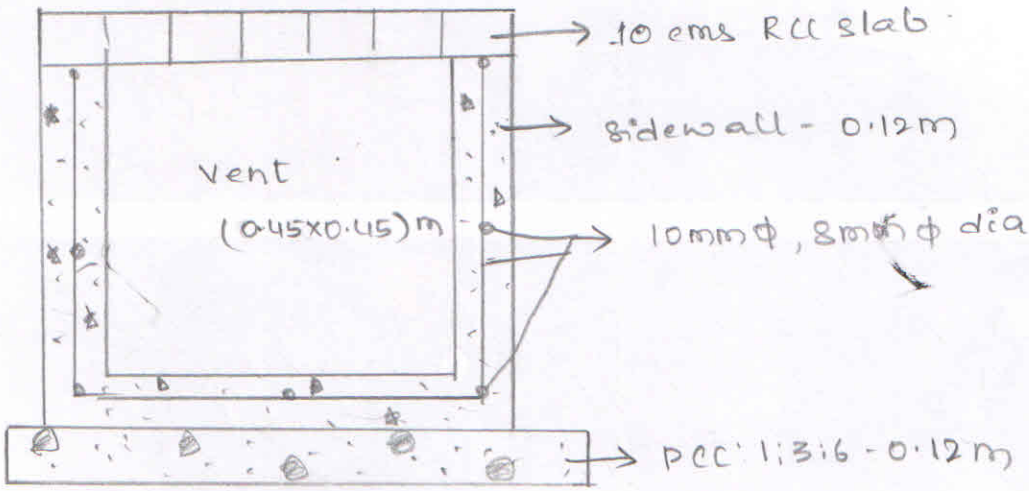


KUVEMPU LAYOUT PLAN

A Phillip. N.D.
AE(Civil)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Name of works: Improvements to drains Suvempu layout, Kempapura in Ward no. 07, Byalarayanapura.

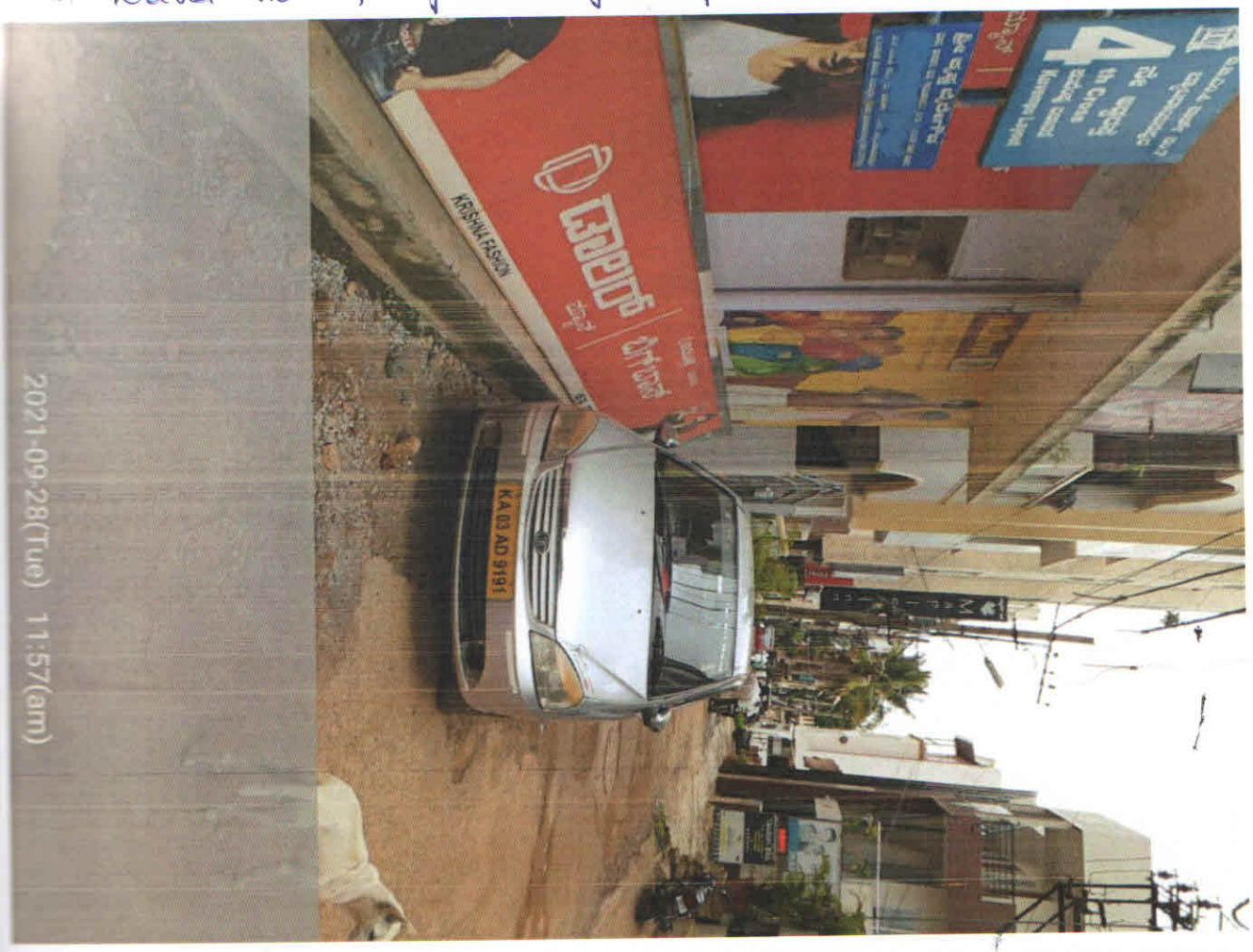


CROSS-SECTION OF RCC-DRAIN

Asst. E.E.
AE(N-1)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

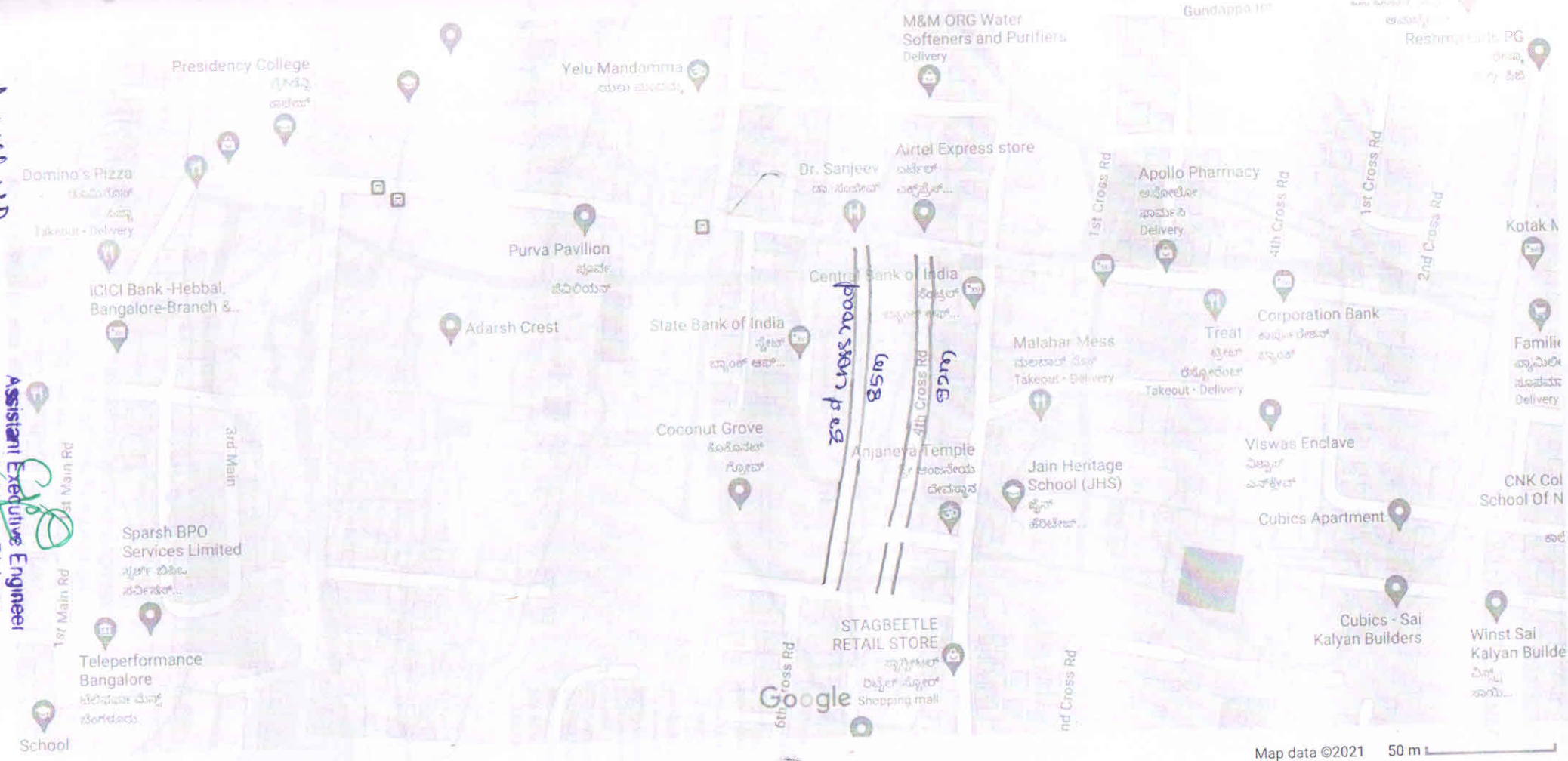
of work: Improvements to drains of kurempu layout, Kempapura
Ward no. 07, byatarayanapura.



Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

AE(WF)

Google Maps Kuvempu layout



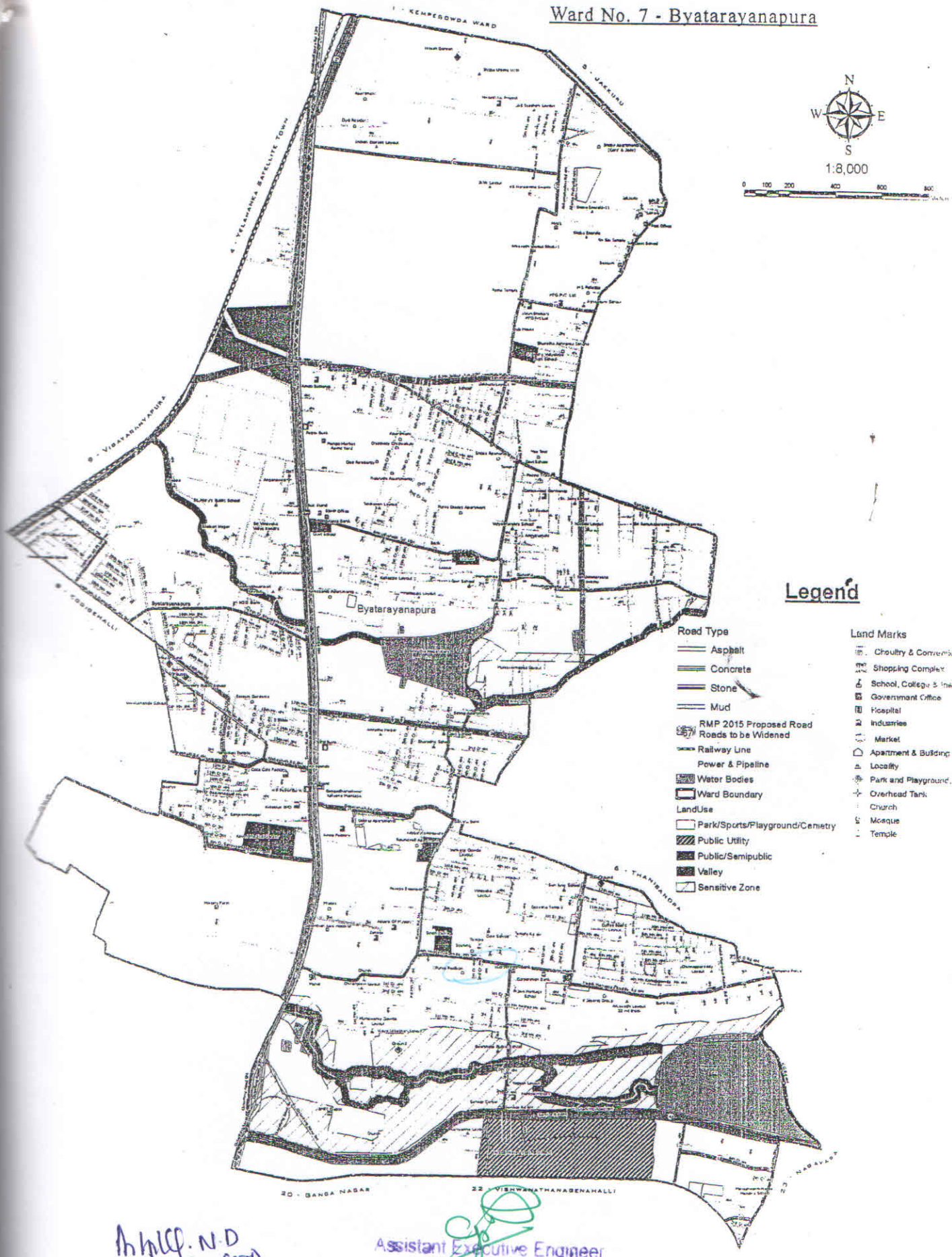
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike

1/1

BRUHATH BANGALORE MAHANAGAR PALIKE

Yelahanka Zone - Byatarayanapura Sub-division

Ward No. 7 - Byatarayanapura



Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

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GIS Consultants & Services
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web : www.skygroup.co.in

AREA: 9.60 SQ KMS

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಟಿಪ್ಪಣಿ ಹಾಳೆ

ವಿಷಯ: ಆರ್.ಸಿ.ಸಿ ಪ್ರಿ ಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಪುಟದ ಸಂಖ್ಯೆ -1-

ಕಡತದ ಸಂಖ್ಯೆ

ಪ್ರಸ್ತಾಪನೆ ಸಂಖ್ಯೆ	ಟಿಪ್ಪಣಿಗಳು ಮತ್ತು ಆಜ್ಞೆಗಳು
01	ಮಂಡಿಸಿದೆ. ವಿಷಯ:- ಆರ್.ಸಿ.ಸಿ ಪ್ರಿ ಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ 10.00 ಎಂ.ಎಂ. ಹಾಗೂ 250.00 ಎಂ.ಎಂ ಅಳವಡಿಸಲು ದರ ಅನುಮೋದನೆ ಪಡೆಯುವ ಬಗ್ಗೆ. ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಾರ್ಡ್ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಪಾಲಿಕೆ ವತಿಯಿಂದ ಅಭಿವೃದ್ಧಿ ಕಾಮಗಾರಿಗಳನ್ನು ನಿರ್ವಹಿಸುತ್ತಿದ್ದು, ಕಾಂಕ್ರಿಟ್ ಚರಂಡಿಗಳನ್ನು ನಿರ್ಮಿಸುವ ಸಂದರ್ಭದಲ್ಲಿ ಕಾಂಕ್ರಿಟ್ ಚರಂಡಿಗಳಿಗೆ ಮೊದಲೇ ಅಚ್ಚು (Pre Cast) ಅಚ್ಚು ಹಾಕಿದ ಆರ್.ಸಿ.ಸಿ ಪ್ರಿ ಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಅಳವಡಿಸುವುದು ಅತ್ಯವಶ್ಯಕವಾಗಿರುತ್ತದೆ. ಚರಂಡಿಗಳ ಮೇಲೆ ಆರ್.ಸಿ.ಸಿ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಅಳವಡಿಸುವ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಲು ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ವೃತ್ತ ರವರ 2018-19 ನೇ ಸಾಲಿನ ದರಪಟ್ಟಿಯಲ್ಲಿ ದರಗಳಿಲ್ಲದ ಕಾರಣ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ 2018-19 ನೇ ಸಾಲಿನ ಜುಕ್ತಿನ ದರ ಸಬ್ಡಿವಿಂಗ್ ದರ ಹಾಗೂ ನಿಮಿಂಡ್ ಕಾಂಕ್ರಿಟ್ ಎಂ-20 ದರಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ದರಗಳನ್ನು ಪಡೆದುಕೊಂಡು (ದರ ವಿಚ್ಛಿಯನ್ನು ಲಗತ್ತಿಸಿದೆ) ಪ್ರೋಡಿಕರಿನ ಒಂದು ಛದರು ಮೀಟರ್ 10.00 ಎಂ.ಎಂ ಆರ್.ಸಿ.ಸಿ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಗ ರೂ. 2337.00 ಹಾಗೂ ಒಂದು ಛದರು ಮೀಟರ್ 250.00 ಎಂ.ಎಂ ಆರ್.ಸಿ.ಸಿ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಗ ರೂ. 5418.00 ವೆಚ್ಚವಾಗುವುದರಿಂದ ಸದರಿ ದರವನ್ನು ಅನುಮೋದಿಸಲು ಕೋರಿ ಕಡತವನ್ನು ಮುಂದಿನ ಪ್ರಮಕ್ಕಾಗಿ ಮಂಡಿಸಿದೆ. ಸಹಾಯಕ ಅಭಿಯಂತರರು. ವಾರ್ಡ್ ನಂ.40 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಜೇರೋಜ್ಜು ಸುವ ವಿಭಾಗ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
02	ಕಾ.ಅ (ಕೆಂಗೇರಿ ವಿಭಾಗ) ಕಡತಕ್ಕೆ(01) ರ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರವರು (ಜೇ) ರವರ ಪರಿಯಂತ ಕಾಂಕ್ರಿಟ್ ಚರಂಡಿಗಳನ್ನು ನಿರ್ಮಿಸುವ ಸಂಧರ್ಭದಲ್ಲಿ ಕಾಂಕ್ರಿಟ್ ಚರಂಡಿಗಳಿಗೆ ಮೊದಲೇ ಅಚ್ಚು (Pre Cast) ಅಚ್ಚು ಹಾಕಿದ ಆರ್.ಸಿ.ಸಿ ಪ್ರಿ ಕ್ಯಾಸ್ಟ್ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಅಳವಡಿಸಬೇಕಾಗಿರುವುದರಿಂದ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆ ಬೆಂಗಳೂರು ವೃತ್ತ ರವರ 2018-19 ನೇ ಸಾಲಿನ ದರಪಟ್ಟಿಯಲ್ಲಿ ದರಗಳಿಲ್ಲದ ಕಾರಣ ಲೋಕೋಪಯೋಗಿ ಇಲಾಖೆಯ 2018-19 ನೇ ಸಾಲಿನ ಜುಕ್ತಿನ ದರ, ಸಬ್ಡಿವಿಂಗ್ ದರ ಹಾಗೂ ನಿಮಿಂಡ್ ಕಾಂಕ್ರಿಟ್ ಎಂ-20 ದರಗಳನ್ನು ಒಳಗೊಂಡಂತೆ ದರಗಳನ್ನು ಪಡೆದುಕೊಂಡು (ದರ ವಿಚ್ಛಿಯನ್ನು ಲಗತ್ತಿಸಿದೆ) ಪ್ರೋಡಿಕರಿನ ಒಂದು ಛದರು ಮೀಟರ್ 10.00 ಎಂ.ಎಂ ಆರ್.ಸಿ.ಸಿ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಗೆ ರೂ. 2337.00 ಹಾಗೂ ಒಂದು ಛದರು ಮೀಟರ್ 250.00 ಎಂ.ಎಂ ಆರ್.ಸಿ.ಸಿ ಕವರಿಂಗ್ ಸ್ಲಾಬ್ ಗೆ ರೂ. 5418.00 ವೆಚ್ಚವಾಗುವುದರಿಂದ ಸದರಿ ದರವನ್ನು ಅನುಮೋದಿಸಲು ಕೋರಿ ಕಡತವನ್ನು ಮುಂದಿಸಿದೆ. ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಕೆಂಗೇರಿ ವಿಭಾಗ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
03	
04	ಮುಖ್ಯ ಅಭಿಯಂತರರು (ರಾಹಾನವ)

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ಕೊಡಿಕೆ (1) ಅಂದ (4) ರಲ್ಲಿನ ವರದಿಂತೆಲಸ್ಥಿ ಕೈಸ್ಥಿ
ಉಪಗಾಡನೆಗೆ ತರಂತೆ, ಈ ಕೆರಂಬಿಗಳಿದೆ ಕಟ್ಟಡಂಗ
ಸ್ಲೈಬ್ ಅಂಗಲು, RCC ಪ್ರಿ-ಕಾಸ್ಟ್ ಸ್ಲೈಬ್ ಅಳವಡಿಸಿ-
ಸಿರಾಗಿರುವುದರಂದ, SR.18-19 ದರಂತೆ 100.00 ಗ.ಗ
ದರದಲ್ಲಿ ಸುಮ್ಮ 250.00 ಗ.ಗ Slabಗಳಿಗೆ ದರವನ್ನು ತೆಗೆದು
ಪಾವತಿ ಕೆಲಸ ಮುಂದಿನ್ನಲು ಕೊಂಡರುವುದನ್ನು.
ಪಾವತಿ ಉಪಗಾಡನೆಗೆ ತರಂತೆ.

100.00 M.M Thick — 2337.00 / SQ.M
250.00 MM Thick — 5418.00 / SQ.M. ಸೇರಿದೆ

06) ಪಾವತಿ ಕೆಲಸ ಮುಗಿದ ನಂತರ ತಪ್ಪಿ ಕಾಣಿಕೆಯ
07) ಸೆಕ್ಷನ್ ದ
08) ಎಲ್ಲಾ (ಇ)

ಎಇಇ(ಕ)

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... MANGALORE MAHANAGARA PALIKE

Data Rate As Per 2018-19

Mangalore Division

Rate Analysis For 10CM Thick Precast Slab

Unit / Rate	Nos	Dimensions L in m	B in m	D in m	Quantity	Rate in Rs.	Total Amount in Rs
Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and aggregates @ 0.47cum, with superplasticiser @1% confirming IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in RCC not exceeding 15 cms thick, vibrated for all works in ground or level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintels, pillars, posts, struts, buttresses, string or laoing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6							
Cum							
(Page No 14, I.No.4.12 of KPWD S.R 2018-19).							
Rate Analysis		6045.00					
Basic Rate in Rs.		362.70					
Add 6% Area Weigtage		6407.70					
Total Rate in Rs.	1	2.00	0.60	0.100	0.12	6407.70	768.92
					0.12		
Refixing of Precast slabs of drains and pointing in C.M (1:3)							
Sqm							
Rate Analysis							
a Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (Page No.27., I.No.5.33 of KPWD S.R 2018-19).		105.00					
b Removing B.S. slab of Drain and stacking. (		99.00					
Arrived Rate (a-b)		6.00					
Add 6% Area Weigtage		0.36			1.20		7.63
Total Rate in Rs.	1	6.36	2.00	0.60	1.20	6.36	
3 KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification: Specification No. KBS 4.6.2							
Sqm							
(Page No 16,I.No.4.30 of KPWD S.R 2018-19).							
Rate Analysis		440.00					
Basic Rate in Rs.		26.40					
Add 6% Area Weigtage		466.40					
Total Rate in Rs.		116.60					
Deduct 25% of Verticle Strating		349.80					419.76
Grand Total	1	2.00	0.60		1.20	349.80	
4 KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, inbour complete as per specifications. Specification							
Sqm							
(Page No 16,I.No.4.31 of KPWD S.R 2018-19).							

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	Add 6% Area Weightage			350.00						
	Total Rate in Rs.			21.40						
	Deduct 25% of Verticle Strating			379.40						
	Grand Total			94.87						
				284.61						
			2	2.00	0.10		0.40			
			2	0.60	0.10		0.12			
							0.52	284.61		148.00
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design flaps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 TMT Bars Fe 500									
	Tonne									
	(Page No 18,I.No.4.46.2 of KPWD S.R 2018-19).									
	Rate Analysis									
	Basic Rate in Rs.			70966.00						
	Add 6% Area Weightage			4257.96						
	Total Rate in Rs.			75223.96						
	12mm dia@150mm c/c	0.89kg/cum	7	2.00			14.00			
	10mm dia@150mm c/c	0.62kg/cum	15	0.60			9.00			
							0.01			
							0.01			
6	0282 P.V.C pipes unplasticised 32mm						0.02	75223.96		1357.04
	Per Rmtr									
	(Page No XXVI,Sl.No.674 of KPWD S.R 2018-19).									
	Rate Analysis									
	Basic Rate in Rs.			55.08						
	Total Rate in Rs.			55.08						
	pipe for weep hole		8	0.10			0.80			
							0.80	55.08		44.06
7	KSRB15-6 : Providing floating coat of cement to plastering and finishing amooth, including cost of materials, labour, curing complete as per specifications.									
	Sqm									
	(Page No 118,I.No.15.32 of KPWD S.R 2018-19).									
	Rate Analysis									
	Basic Rate in Rs.			19.00						
	Add 6% Area Weightage			1.14						
	Total Rate in Rs.			20.14						
			2	2.00	0.60		2.40			
			2	2.00		0.10	0.40			
			2	0.60		0.10	0.12			
				Total			2.92	20.14		58.81
										2804.23

Therefore cost for Per Sqm= Total/(2*0.6) $\frac{2804.23}{(2.0*0.6)}$ 2336.86

Say 2337.00 – 100 mm

Asst Engineer
Ward No.40

Asst Executive Engineer
Herohalli Sub-Division

Executive Engineer
Kengeri Division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Data Rate As Per 2018-19

Kengeri Division

Rate Analysis For 250mm Thick Precast Slab

Description of Item	Unit / Rate	Nos	Dimensions L in m	B in m	D in m	Quantity	Rate in Rs.	Total Amount in Rs
KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplastisizer @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	Cum							
(Page No 14, I.No.4.12 of KPWD S.R 2018-19).								
Rate Analysis		6045.00						
Basic Rate in Rs.		362.70						
Add 6% Area Weigtage		6407.70						
Total Rate in Rs.		1	1.80	0.60	0.250	0.27	6407.70	1730.08
						0.27		
2 KSRB 4-6.3 : Providing and removing centering, shuttering, scrutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2								
	Sqm							
(Page No 16,I.No.4.30 of KPWD S.R 2018-19).								
Rate Analysis		440.00						
Basic Rate in Rs.		26.40						
Add 6% Area Weigtage		466.40						
Total Rate in Rs.		1	1.80	0.60		1.08	466.40	503.71
						1.08		
3 KSRB 4-6.4 : Providing and removing centering, shuttering, scrutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Sqm							
(Page No 16,I.No.4.31 of KPWD S.R 2018-19).								
Rate Analysis		358.00						
Basic Rate in Rs.		21.48						
Add 6% Area Weigtage		379.48						
Total Rate in Rs.		2	1.80	0.25		0.90		
		2	0.60	0.25		0.30		
						1.20	379.48	45

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	straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KDS 4.6.3 TMT bars Fe 500								
	Tonne								
	(Page No 18,I.No.4.46.2 of KPWD S.R 2018-19).								
	Rate Analysis								
	Basic Rate in Rs.			70966.00					
	Add 6% Area Weigtage			4257.96					
	Total Rate in Rs.			75223.96					
	Steel 16mm dia Main rod @150mm c/c	1.58kg/cum	2	5.00	2.20		22.00		
	Lifting Hook 10mm dia - 2 Nos	0.62kg/cum	1	2.00	0.30		0.60		
							22.60		
							0.04		
	Steel 8mm dia - Main rod @150mm c/c	0.40kg/cum	2	13.00	0.60		15.60		
							0.01		
							0.04	75223.96	3155.46
5	Refixing of Precast slabs of drains and pointing in C.M (1:3)								
	Sqm								
	Rate Analysis								
a	Removing & Refixing stone slabs of drains			105.00					
b	Removing B.S. slab of Drain and stacking.			99.00					
	Arrived Rate (a-b)			6.00					
	Add 6% Area Weigtage			0.36					
	Total Rate in Rs.			6.36					
			1	1.80	0.60		1.08		
							1.08	6.36	6.87
	Total								5861.53

Therefore cost for Per Sqm= Total/(1.8*0.6) $\frac{5861.53}{(1.8*0.6)}$ = 5418.08

Say 5418.00 - 250 mm.

Asst Engineer
Ward No.40

Asst Executive Engineer
Herohalli Sub-Division

Executive Engineer
Kasaba Division

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ಅಸಿಸ್ಟೆಂಟ್ ಎಂಜಿನಿಯರ್
ಹಾಲಾಡಿಕೇಶ್ವರ ವಾರ್ಡ ನಂ.೦೮
೨೦೨೨ ನೇ ಸಾಲಿನ ಮಾರ್ಚ್ ಅಂತ್ಯದ ವರೆಗೆ

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